

PATENT ABSTRACTS OF JAPAN

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(54) TECHNICAL INFORMATION RETRIEVAL SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a technical information retrieval system which can retrieve the technical information in a simple procedure with high accuracy and with no skill required.

SOLUTION: This system includes a user terminal equipment 1 which inputs the retrieval statements and also outputs the retrieval results, a retrieval equipment 2 which retrieves the technical information from the retrieval statements and a management terminal equipment 3 which registers the technical information on the equipment 2. The morpheme analysis is applied to the retrieval statement inputted by a user for generating a word vector and the inner product is calculated between the word vector and the word vectors of each technical information registered in a technical information data base device 4. On the basis of these calculation results, the

resemblance is decided among those word vectors so that the resemblance can be easily and highly accurately decided to each technical information. Furthermore, as the retrieval results are shown in a form where the degrees of resemblance can be understood, the degree of resemblance of each technical information can be objectively known despite the retrieval of plural pieces of technical information.

